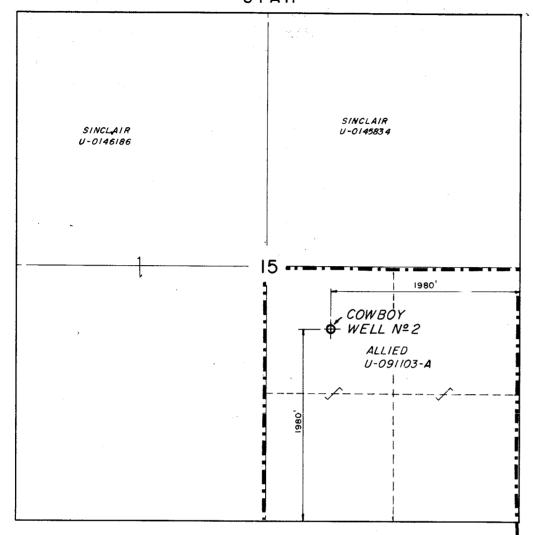
FILE NOTATIONS	· pin
Entered in NID File . K.	Checked by Chief
Location Map Pinned	Approval Letter 7.16-65
Card Indexed . 4.	Disapproval Letter
COMPLETION DATA:	
Date Well Completed	24.68 Location Inspected
OW WVI TA	Bond released
GW OS PA	State or Fee Land
	LOGS FILED
Driller's Log	
Electric Logs (No.)	
TE I Dua	1 I Lat GR-N Micro
PUC Sonic GR L. La	t Mi-L Sonic
CRI og CCLOS	Others Compunally Formation
у на при	density dog a neutron
	porosity Rog

DEPARTMENT OF THE INTERIOR

	DEPARTMENT	OF THE INTERI	OR	.	5. LEASE DESIGNATION AND SERIAL NO.
		ICAL SURVEY	The second secon		U-091103-A
APPLICATION	FOR PERMIT TO	D DRILL, DEEPE	N, OR PLUG BA	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
TYPE OF WORK			PLUG BACI		7. UNIT AGREEMENT NAME
DRIL	L 🗵	DEEPEN 🗌	PLUG BAG		
b. TYPE OF WELL	W	ildcat sin	GLE MULTIPLE ZONE		S. FARM OR LEASE NAME
WELL WE	LL OTHER W	zur zur			Cowboy
NAME OF OPERATOR	unnlu Company		·		9. WELL NO.
Mountain Fuel S	appry company				2. 5.3
- 7 7700	Rock Springs,	Wyoming 82901	rate requirements.*)		10. FIELD AND POOL, OR WILDCAT Wildcat
LOCATION OF WELL (Re	port location clearly and i	in accordance			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zone					15-39S-22E., SLB&M
	Same	EST TOWN OR POST OFFICE			12. COUNTY OR PARISH 13. STATE San Juan Utah
4. DISTANCE IN MILES A	of Dluff Utah				Dair o dair
10 miles north	of Bluff, Utah sed* 660'	16. NO	. OF ACRES IN LEASE	17. No.	OF ACRES ASSIGNED THIS WELL
LOCATION TO NEAREST	MON	err Condi	1760		중 국민(화 <u>왕 왕 왕 왕왕 원) [</u>
(Also to nearest drix	full line, it and).	19. PR	OPOSED DEPTH	1	ARY OR CABLE TOOLS
18. DISTANCE FROM PROPO TO NEAREST WELL, DI	RILLING, COMPLETED,	aff Bench	6200°	R	otary
OR APPLIED FOR, ON THI					22. APPROX. DATE WORK WILL START*
	ether Dr, 101, day every			(\$.	July 17, 1968
GR 5011 ¹	P	ROPOSED CASING ANI	CEMENTING PROGRA	AM .	
	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	1	QUANTITY OF CEMENT
SIZE OF HOLE	10-3/4	32.75	300	175	
13-3/4 7-7/8	5-1/2	17	To be deter	rmined	
	-			i i	경영 경찰 사람님들은 영화를 가냈다.
			 which well to	an an	ticipated depth of 6200.
We would like :	your permission	to drill the s	Morrison-Summer	rville	ticipated depth of 6200:Entrada-Carmel
Anticipated fo	rmation tops ar	e as IUIIOWS.	OFO! Verronts	_Wings	te 1700'. Chinle 1975',
(undifferentia	ted) at the sur	Tace, Navajo ac	occi Ommon Bo	al- 318	?O: Cutler Evaporites
Shinarump 2700	Moenkopi 270	De CHETTY C	at 5860° B M	arker	30', Cutler Evaporites at 6050', Desert Creek
at 3840', Herm	losa Group at De	130-, Ishay Zon	, a, 0) 0 0 0 , =		
at 6095', and	Akah at 6195°.		•		
				٠.	
•					
		•			그렇게 열취 한번 경절 필리근 하다 그
	•		ning back, give data on	present p	roductive zone and proposed new productive ured and true vertical depths. Give blowou
zone. If proposal is to	drill or deepen direction	nally, give pertinent data			그 : 한 경 중(e) 1일 <u>역 연 경 점</u>
$\frac{\text{preventer program, if a}}{24.}$	ny.		General M	Manage	r, July 15, 1968
R	e Crost	TITLE	Gas Supply Ope	eratio	ns barn July 15, 1900
				-	
(This space for Fee	deral or State office use)				
nmakim No			APPROVAL DATE		
PERMIT NO.			The second secon	الميا	
APPROVED BY		TITLE		· ·	DATE STATES
CONDITIONS OF APPR	OVAL, IF ANY:				

T. 39 S., R. 22 E. S.L.B. & M:



ENGINEER'S AFFIDAVIT

STATE OF WYOMING
COUNTY OF SWEETWATER

I, K.A. Loya of Rock Springs Wyoming, hereby certify that this map was made from notes taken during an actual survey made under my direction by Ernst Engineering Co. Durango, Colorado on July 9, 1968; and that it correctly represents the location thereon with section measurements based on the official survey Plat of Township 395, R. 22E., 5.L.B. FM. Utah

K. G. Joya

Engineer

Utah Registration Nº 2707

LOCATION DATA

WELL - COWDOY Nº 2

FIELD - COWboy

LOCATION

1980 From South Line.
1980 From East Line.
NW SE Sec. 15, T.395, R. ZZE. 5.L.B. # M.
San Juan County, Utah

ELEVATION

5011 ground

SURVEYED BY

Ernst Engineering Co., Durango, Colorado

DATE OF REPORT

July 11, 1968

REMARKS

Well elevation natural ground.

	REVISIONS		MOUNTAIN FUEL					
NO.	DESCRIPTION	DATE	BY		PPLY COMPANY CK SPRINGS, WYOMING			
	Well Name Corrected	7-15-68	O.G.H.					
			-] WEI	L LOCATION			
				COWBO	Y WELL Nº2			
				NW SE SEC.15, T.395., R.22 E. S.L.B.& M				
				SAN JU	AN COUNTY, UTAH			
-			***	DRAWN: 7-11-68 D.G.N.	SCALE: ""= 1000"			
				CHECKED: Rum	DRWG. M-9336			
				APPROVED: KAL	No. 141 - 9336			

Mountain Fuel Supply Company P.O. Box 1129 Rock Springs, Wyoming 82901

> Re: Well No. Cowboy #2, Sec. 15, T. 39 S., R. 22E., San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

Should you determine that it will be necessary to plug and abandone this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer HOME: 277-2890 Salt Lake City, Utah. OFFICE: 377-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-037-30017 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FIEGHT DIRECTOR

CBF: jw

ce: U.S. Geological Survey
Jerry Long, District Engineer
Box 1809
Durango, Colorado

Enclosures: Form OGC-8-X "Report of Water Encountered During Drilling"



Budget Bureau No. 42-R256.5. Approval expires 12-31-60.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND	OFFICE	Utah
LEASE	NUMBER	091103-A

LESSEE'S MONTHLY REPORT OF OPERATIONS

	Agent	addi	ress	Sal	r. t Lak	e City, Ut	ah 84	111 Sia	mpany MC	OUNTAIN F	UEL SUPPLY COMPAN
	SEC. AND		RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Fr. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
						Utah 0911	03-A	Union Tex	as Petro	Leum	
SE	15	398	22E	2							Spudded 7-19-68 Drilling 4,410
											7-31-68
		·									
	* 100										

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in Form 9-829 (January 1980)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE	Utah
LEASE NUMBER	091103-A
UNIT	

LESSEE'S MONTHLY REPORT OF OPERATIONS

								ions and pro ., 19			Irilling and producing
	Agent's	addi	ess		Р.	O. Box 113	68		mpany MC	UNTAIN FI	JEL SUPPLY COMPANY
					t Lak	e City, Ut	ah 84	111 Sig	ned J	- Mu	sphey
	Phone.					28-8315			e nt's ti tle	DIVISION	AL CHYEF ACCOUNTAN
	SEC. AND	TWP.	RANGE	WELL No.	DATS PRODUCED	BARRELS OF OIL	GRAVITY	Cv. Fr. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause: date and result of test for gasoline content of gas)
						Utah 0911	03-A	Union Tex	s Petro	eum	
iw se	15	398	22E	2					-		Spudded 7-19-68 T.D. 6252' P & A 8-24-68
`											
				-							
	j [

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-829 (January 1950)

16-26760-8 U.S. GOVERNMENT PRINTING OFFICE

		E on
(May 1963) TED STATES	SUBMIT IN TI ATE*	Form approved. Budget Bureau No. 42-R1424
DEPARTING OF THE INTE	RIOR verse side)	5. LEASE DESIGNATION AND SERIAL NO.
		U-091103-A 6. IF INDIAN, ALLOTTER OR TRIBE NAME
SUNDRY NOTICES AND REPORTS (Do not use this form for proposals to drill or to deepen or plu	ON WELLS	
(Do not use this form for proposals to drill or to deepen or plu Use "APPLICATION FOR PERMIT—" for suc 1.	h proposals.)	
OIL GAS OTHER WILDCAT		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR		8. FARM OR LEASE NAME
Mountain Fuel Supply Company		Cowbox
3. ADDRESS OF OPERATOR	2007	9. WELL NO.
4. LOCATION OF WELL (Report location clearly and in accordance with a	2901 ny State requirements.*	10. FIELD AND POOL, OR WILDCAT :
See also space 17 below.) At surface	·	Wildcat A A A A A A A A A A A A A A A A A A A
1980' FSL, 1980' FEL NW SE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		Section 1
14. PERMIT NO. 15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OF PARISH 137-STATE
GR 5011'		San Juan Utah
16. Check Appropriate Box To Indicate	Nature of Notice Report of O	
NOTICE OF INTENTION TO:	54	ENT REPORT OF CALL
TEST WATER SHUT-OFF PULL OR ALTER CASING		
FRACTURE TREAT MULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREATMENT	APTERING CARINGA
SHOOT OR ACIDIZE ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL CHANGE PLANS (Other)	(Other) Supplement (Note: Report results	tary history 3 X
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all portion	Completion or Recomple	tion Report and Log form.)
nent to this work.) *	cations and measured and true vertical	depins for an markers and zones perti-
Depth 5993'. Core No. 1 cut 60' from 5851'	to 5911', recovered 60	D'; Core No. 2 cut i 3 6
from 5911' to 5924', recovered 13'; Core No	o. 3 cut 54' from 5924'	to 5978; recovered 534.
DST #1: 5938'-5943', IO 1 hour, ISI $4\frac{1}{4}$ hou	urs, FO l hour, FSI $4\frac{1}{4}$ 1	iours. Opened with strong
olow decreasing to weak, no gas, reopened.	dead for 5 minutes then	increased to weak and
gas, recovered 90' drilling mud. IHP 2829, 2829 psi.	IOFP's 55-55, ISIP's	55-55 FOFE s 55-55 FHP
2029 psi.		
		Spirition of the spirit
		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		The state of the s
18. I hereby certify that the foregoing is true and correct	General Manager,	
SIGNED B. A. Craft TITLE	Gas Supply Operations	na (August 13 1968
(This space for Federal or State office use)		
APPROVED BY TITLE		DATE

FIELD_	Соувоу	STATE Utah COUNTY San Juan SEC.	15 T. 3	39 S. R. 22
	1.56	Fuel Supply Co. FARM Cowboy WELL		
P	,	LOCATION 1980' FSL, 1980' FEL ELEV. 5022.09		
<i></i>		DRILLING COMMENCED July 19, 1968 COMPLETED		
		RIG RELEASED August 24, 1968 TOTAL DEPTH 6	252' Dril	ler, 6258'
		CASING RECORD 10-3/4" landed at 320.21' KBM wi	th 175 sa	icks
	150		رود و و داو د د و د و د و د و د و د و د و	
		TUBING RECORD		
_	<u>and amprovidence in the late of the College and S</u> ample and the Salar American M	PERFORATIONS		
			·	
I. P.	GAS Dry	, plugged and abandoned OIL		
SANDS				
SHUT-IN :	SURFACE PRES	SSURES	·	
			74: - 77 - 7 - 8 - 8 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	
REMARKS_	Cor	ed [©] 5851'-6252' in 9 cores		
are and the state of the state				
eranten '	_======================================	=======================================		
			FROM	ТО
trace o	f sandstone	wn and variegated, silty in part; trace of anhydrite; , light to medium grey, very fine-grained to medium-d, very friable, no show.	4800	4830
Shale,	as above; s	light increase of sandstone, some coarse-grained rounded; trace of anhydrite.	4830	4850
Shale,	reddish-bro	wn, silty to arenaceous in part, abundant variegated one, light grey to medium brownish-grey, very	4850	4880
fine-gra	ained to coa	arse-grained, partly unconsolidated, abundant s, subrounded.	• "	
Ditto,	decrease of	loose quartz grains.	4880	4910
grains,	clear to ta	d medium brown, silty in part; some loose quartz an, very fine-grained to medium-grained, subrounded	4910	4960
Shale, calcared	reddish-bro ous, silty	rosted; trace of anhydrite. wn and variegated, as above; reddish brown is in part, block, some shale greyish brown, silty careous, hard; decrease of loose quartz grains,	4960	4980
Dominan light ta	tly shale, a an, dense, l	limestone, light grey, hard and tight, dense. as above, increase of limestone, light grey to hard, tight, increase of sandstone, as above, rained to light grey.	4980	5020
Ditto,		shale is mostly medium to dark maroon and brown;	5020	5060
Ditto, s	some white	earthy calcite.	5060	5090
white,	calcareous r	rey to white, very fine-grained to fine-grained, matrix; limestone, light grey to white (calcite) e; shale, as above.	5090	5120
Shale, blocky; grained	variegated, some sands to fine-gra	reddish brown and maroon, soft, silty in part, tone, light grey to white, calcareous, very fine- ained, subrounded, no show; some limestone, as	5120	5150
above (I	light grant			

FIELD Cowboy

SEC. 15 T. 39 S. R. 22 E.

22 E. PAGE

FARM Cowboy

poy WELL NO. 2

COMPANY Mountain Fuel Supply Company

	FROM	ТО
Ditto, dominantly "red beds" (shale); trace of limestone and sand-	5170	5230
stone, as above. Dominantly reddish-brown and variegated shale (abundant medium grey and maroon); some limestone, medium grey, very hard, dense, microcrystalline; trace of sandstone, white to light grey, very finegrained to fine-grained, subrounded, calcareous, friable, no show,	5230	5260
some brownish-grey shale is silty and micaceous. Shale, as above, increase of limestone, as above and light grey,	5260	5270
very hard and dense. Shale, medium brown, silty, micaceous, calcareous, arenaceous in part; some shale, as above; sandstone and limestone, as above; some sandstone, very fine-grained, medium brown, argillaceous to silty, calcareous, micaceous, friable, no show.	5270	5300
Sandstone, white to light grey, fine-grained to medium-grained, fairly well sorted, subrounded to subangular, calcareous, friable,	5300	5310
increase of limestone, light grey, as above; some shale, as above. Shale, variegated, as above; limestone, as above and some sandstone, as above; some fine-grained to medium-grained quartz, clear, subangular to subrounded.	5310	5350
Ditto; abundant shale, medium grey and light greenish-grey, soft	5350	5380
to firm, calcareous; abundant variegated shale, as above. Limestone, light grey, cryptocrystalline, hard, some shale and	5380	5400
sandstone, as above; some grey limestone, as above. Shale, reddish-brown, silty in part, some variegated shale, abundant light greenish-grey; some limestone, light to medium grey, dense, cryptocrystalline; some sandstone, light to medium grey, fine-	5400	5420
grained, fairly well sorted; subrounded to rounded, hard and tight. Ditto; increase of limestone. Limestone, light to medium grey, arenaceous in part, mostly dense, hard; some sandstone, light grey to white, very fine-grained, subrounded, calcareous, friable, no visible porosity; trace of	5420 5440	5440 5510
shale, as above. Ditto; increase of variegated shale; decrease of sandstone. Shale, light to medium grey, silty in part, micaceous, calcareous to slightly calcareous; some variegated shale and sandstone, as above,	5510 5530	5530 5550
decrease of limestone, as above. Limestone, light grey to tan and white, very hard and dense, crypto- crystalline in part, fossil debris in part, arenaceous in part; trace of shale and sandstone, as above.	5550	5585
Some limestone, as above; trace of sandstone, as above; abundant	5585	5605
shale, dark grey, silty, micaceous, firm. Increase of limestone, as above; some sandstone and light grey shale; dominantly limestone and sandstone; some variegated shale;	5605	5680
some medium grey shale. Limestone, light grey to light brown, very hard, cryptocrystalline, dense; sandstone, light to medium grey, very fine-grained to fine-grained, subrounded, fairly well sorted, calcareous; trace of loose quartz grains, subrounded, frosted to clear; shale, variegated, as above and medium to light grey and brown; some calcite, white, soft; medium grey and brown shale is silty in part.	5680	5'705
Ditto, increase of medium grey shale. Ditto; decrease of shale; increase of sandstone, light to medium grey,	5705 5730	5730 5740
very fine-grained, hard and tight. Limestone, as above; shale, medium grey and brown, as above; trace	5740	5750
of variegated shale and trace of sandstone, as above. Limestone and sandstone, as above; some calcite and medium grey	5750	5765
shale, as above.	5765	5775
Ditto; increase of medium grey shale. Shale, medium grey, silty in part, calcareous; some limestone and trace of sandstone, as above.	5775	5790

PAGE 3

Mountain Fuel Supply Company

Cowboy

FARM

FROM TO

WELL NO. 2

Limestone, medium brownish-grey and light grey, very hard, crypto-5790 5796 crystalline; chert, medium brown. 5796 5811 Shale, light to medium and dark grey, silty in part, calcareous to slightly calcareous; some limestone and trace of variegated shale, as above; some chert, as above. Limestone, light grey to white, hard, dense, cryptocrystalline; 5811 5823 some shale, as above; trace of chert, as above. Limestone, as above; white calcite; some sandstone, light grey to 5823 5835 white, very fine-grained, fairly well sorted, friable to hard, no show; shale, as above; some chert, medium brown to dark grey. 5845 5835 Ditto; increase of shale, medium grey, silty in part. Ditto; increase of medium grey shale, as above, some dark grey 5845 5851 shale, silty in part, few carbonaceous flakes; platy. CORE #1 - 5851'-5911'. Cut 60'. Recovered 60'. 5851 5855 Limestone, medium grey, very fine crystalline, argillaceous, dense, very hard; few fossils; few slickensides; tight.

5865 Limestone, as above, becomming thinly bedded, more fossils, dense, 5855 hard, tight; becoming argillaceous in lower part. 5865 5872 Shale, medium to dark grey, silty to very calcareous. Shale, very dark grey to black, very calcareous, silty, abundant 5872 5877.5 small brachiopods. 5877.5 5879 Limestone, medium grey, fine crystalline, argillaceous, abundant fossil debris. 5884 5879 Limestone, dark grey, microcrystalline, argillaceous in part, very hard and tight; trace of chert. 5884 5886.5 Limestone, medium to dark grey, argillaceous, fine crystalline, hard and tight. Limestone, medium grey, argillaceous to arenaceous, good porosity, 5886.5 5888.5

small vugs, bleeding oil and gas. 5888.5 Limestone, medium grey, fine crystalline, arenaceous to argillaceous 5911 in part, hard and tight, no show; some fine fossil debris in part, becoming lighter grey downward.

CORE #2 - 5911'-5924'. Cut 13'. Recovered 13'.

Limestone, medium grey, very fine crystalline, argillaceous in 5911 5915 part, slightly silty, fusulinids, hard and tight; few small anhydrite inclusions; dark grey to black chert at 5913.3 to 5913.7. Limestone, as above; no fusulinids, abundant chert (25%?), few 5924 5915 stylolites.

CORE #3 - 5924'-5978'. Cut 54'. Recovered 53'.

5924 5929 Limestone, medium grey, dense, microcrystalline, very hard and tight; stylolites and few tight fractures. 5938 Limestone, medium grey (slightly darker than above) fine crystalline 5929 to microcrystalline, hard and tight, stylolites. 5940 Limestone, as above; with small anhydrite inclusions; few fusulinids 5938 and some other fossil parts. Limestone, dark to dark grey (could be called shale in part), very 5940 5943

argillaceous to fine crystalline, very abundant fusulinids, hard and tight; stylolites. Limestone, medium to dark grey, microcrystalline, argillaceous, 5943 5947

anhydrite filling, some fusulinids, hard and tight. 5947 5948 Limestone, as above, abundant anhydrite, appears to have replaced

fossil casts. 5948 5955.5 Limestone, light tannish grey, coquina, very good porosity from skeletal framework of fossil debris, partly filled with anhydrite,

mostly open and oil saturated, some vuggy porosity.

FARM Cowboy

WELL NO. 2

PAGE 4

SEC.

COMPANY Mountain Fuel Supply Company

	FROM	ТО
Limestone, dark grey, very abundant fossil debris, very argillaceous, abundant fusulinids and some brachiopods, some anhydrite filling;	5955.5	5962
olites, hard and tight. stone, as above; with less anhydrite; at 5967.5' is a 3" layer	5962	5970
of rugosa corals, white to light tan, very abundant. Limestone, as above, very abundant fossil debris, very argillaceous, with no fusulinids, very little anhydrite.	5970	5977
No recovery.	5977	5978
CORE #4 - 5978'-6019'. Cut 41'. Recovered 31.5'.		
Limestone, light to dark grey, fine crystalline, fossiliferous, hard, tight, some horizontal fractures; some shale, light to dark grey; 3" zone bleeding oil at 5995'.	5978	6006.5
Limestone, light grey, soft, very anhydritic, could be pores. No recovery.	6006.5 6009.5	6009.5 6019
CORE #5 - 6019'-6079'. Cut 60'. Recovered 34'.		. *
Limestone, light grey, medium to fine crystalline, fossiliferous, horizontal fractures, some black limestone nodules, stylolites:	6019	6029.5
bottom of core highly polished. Limestone, dark grey, very fine crystalline, some carbonaceous material, some fractures and stylolites, bottom surface polished.	6029.5	6031.5
Limestone, as above. Limestone, as above; bleeding oil. Limestone, as above. As above, bleeding oil, bottom of core polished. Limestone, light grey, fine crystalline with several polished surfaces,	6031.5 6036 6037 6045 6046	6036 6037 6045 6046 6053
some crumbs, etc. No recovery.	6053	6079
CORE #6 - 6079'-6099'. Cut 20'. Recovered 17'.		
Shale, black, hard, dense, firm, fissile. No recovery.	6079 6096	6096 6099
CORE #7 - 6099'-6142'. Cut 43'. Recovered 43'.		
Shale, black, hard, dense, limey, fossiliferous. Limestone, light grey, fine crystalline, hard, tight, dense. Dolomite, dark grey to black, very fine crystalline, dense, hard, tight, shaly, bleeding oil.	6099 6108 6113	6108 6113 6119
Dolomite, light grey, coarse crystalline, hard, dense, very tough. Limestone, black to dark grey, very fine crystalline, very shaly, hard, tight.	6119 6133.5	6133.5 6142
CORE #8 - 6142'-6202'. Cut 60'. Recovered 54.5'.		
Limestone, light grey, fine crystalline, hard, dense, tight. Limestone, light grey, coquina of algae, fair porosity, some large vugs, bleeding oil.	6142 6167	6167 6181
As above; with anhydrite filling, bleeding salt water. Limestone, dark grey, very fine crystalline, hard, brachiopods; bleeding trace of salt water.	6181 6194.5	6194.5 6196.5

FIELD	Cowboy	SEC15	T.	39 S. R.	22 E.	PAGE 5
FARM	Cowboy	WELL NO	2		•	
COMPANY	Mountain Fuel Supply Company					
						=======
					FROM	TO
CORE #9	- 6202'-6252'. Cut 50'. Recovered 48'	•		·		
Limestor Shale, b	core from bottom. ne, dark grey, medium crystalline, har black, fissile, siliceous, with some f		opods		6202 6206	6206 6236.5
Limestor	loids) and pelecypods. ne, dark grey to black, medium crystal us in part, bleeding oil at 6242' (in	line, hard,	tight	· ,	6236.5	6245
Limestor Shale, b	ne, as above, becoming argillaceous ar black, soft, clayey, with some anhydr	nd dolomitic.		•	6245 6247	6247 6250
2' miss:	ing core from bottom.					

OCA/SSL:kje

10/15/68

Form 9-331 UN TO STATES SUBMIT IN TRIP' (May 1963) (Other instruction	Form approved. Budget Bureau No. 42-R1424
DEPARTME F THE INTERIOR (Other Instruction verse side)	5. LEASE DESIGNATION AND SERVAL NO.
GEOLOGICAL SURVEY	U-091103-A REAL SAME
SUNDRY NOTICES AND REPORTS ON WELLS	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	
Use "APPLICATION FOR PERMIT— for such proposals.)	7. UNIT AGREEMENT NAME
OIL GAS OTHER Wildcat	
WELL WELL OTHER WILDCAG 2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Mountain Fuel Supply Company	Cowboy Egg Egg 2
MOUNTCAIN FUEL Dupply Company 3. ADDRESS OF OPERATOR	9. WELL NO.
P. O. Box 1129, Rock Springs, Wyoming 82901	15 15 15 15 15 15 15 15 15 15 15 15 15 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.	10. FIELD AND POOL, OR WILDCAS
See also space 17 below.) At surface	Wildcat 5
1980' FSL, 1980' FEL NW SE	11. SEC., T., B., M., OR BLK. AND SURVEY OR ARBA
	15-39S-22E., SLB&M: 12. COUNTY OF PARISH 13, STATE
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5022.05' GR 5011'	San Juan Utah
- KB 2055.02 GR 2011	5 7 7 7 8
18. Check Appropriate Box To Indicate Nature of Notice, Report, or C	other Data Hara Hara Hara Hara Hara Hara Hara H
	ENT REPORT OF LE
	REPAIRING WALLS
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF MULTIPLE COMPLETE FRACTURE TREATMENT	ALTERING CABING 5
FRAUTURE TREAT	ABANDONMENT*
Supplements	ary history.
(Nome · Report results	of multiple completion on Well etion Report and Log form.)
(Clarify state all portions details and give partinent dates	including estimated date of starting an
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state an pertinent details, and give pertinent details, and	
Depth 6248', coring.	
	The state of the s
DST #2: 6079-6024', IO 1 hour, ISI 1 hour, FO 1 hour, FSI 1 hour	drilling mad. THP 2887
weak blow, dead in $\frac{1}{2}$ hour, reopened dead, no gas, recovered 90'	dritting mad. Original
IOFP's 35-45, ISIP 295, FOFP's 45-45, FSIP 199, FHP 2897 psi.	
DST #3: 6099-5978', IO 1 hour, ISI 1 hour, FO 1 hour, FSI 1 ho	ir. opened with very
weak blow, dead in 40 minutes, reopened dead, no gas to surface	recovered 45 amid. 3 s
IHP 2887, IOFP's 45-44, ISIP 83, FOFP's 45-55, FSIP 64, FHP 288	7 psi.53333 3 6544
DST #4: 6142-6112', IO 1 hour, ISI 1 hour, FO 1 hour, FSI 1 ho	ur, opened with very
work blow dead in 6 minutes, reopened dead, no gas to surface,	recovered 3. original
mud. IHP 2916, IOFP's 26-26, ISIP 35, FOFP's 26-26, FSIP 26, FH	P 2897 psisa s 55 b
MULU. THE CATO, TOLL & COLCO, TOTA DAY, LOLD COLCO, LOTA	
	මුලිමිසක් මුලි යිම් දේඛි)
DST #5. 6202-6145! TO I hour. TST I hour. FO 4 hours, FSI 4 h	ours, opened with very
DST #5: 6202-6145', IO 1 hour, ISI 1 hour, FO 4 hours, FSI 4 h	ours, opened with were rilling mud and 100
DST #5: 6202-6145', IO 1 hour, ISI 1 hour, FO 4 hours, FSI 4 h weak blow on both openings, no gas to surface, recovered 120' d slightly gas cut mud and 180' salt water. IHP 2966, IOFP's 50-	ours, opened with were rilling mud and 100
DST #5: 6202-6145', IO 1 hour, ISI 1 hour, FO 4 hours, FSI 4 h	ours, opened with were rilling mud and 100
DST #5: 6202-6145', IO 1 hour, ISI 1 hour, FO 4 hours, FSI 4 h weak blow on both openings, no gas to surface, recovered 120' d slightly gas cut mud and 180' salt water. IHP 2966, IOFP's 50-	ours, opened with were rilling mud and 100
DST #5: 6202-6145', IO 1 hour, ISI 1 hour, FO 4 hours, FSI 4 h weak blow on both openings, no gas to surface, recovered 120' d slightly gas cut mud and 180' salt water. IHP 2966, IOFP's 50-	ours, opened with were rilling mud and 100
DST #5: 6202-6145', IO 1 hour, ISI 1 hour, FO 4 hours, FSI 4 h weak blow on both openings, no gas to surface, recovered 120' d slightly gas cut mud and 180' salt water. IHP 2966, IOFP's 50-	ours, opened with were rilling mud and 100

(This space for Federal or State office use)

Shown Long)

PLUGGING PROGRAM FORM

Name of Company: Mt. Full Supply Co. Well Name: Cauboy #2

Verbal Approval Given To: Best Mylls Sec. 15 T.39SR.226 County: Man Juan

Rock Spring, Was.

Verbal Approval Was Given To Plug the Above Mentioned Well In The Following Manner:

Farmations 1. plug from 6050-6150' Navajo 2. yeling from 5000'- 5100' E hinle 3. plug from 3,000'-3100' Thinirump 2671' 4. plug from 1900'- 2000' Maenkapi 2760 De Chelly 3049' 5. plughen 300'-350' Ergan Goek 3162' 10 sack plug at surface? Eutlu evaporate 3897' Kimosa B'marker 6070 Desertance 6112' akah 6212' Tatal Depth: 6252'

Date Verbally Approved: August 22,1968 Signed Soulla 1. Sick

Form 9-331 (May 1963)	UN' D STATES		re- Budget	approved. Bureau No. 42-R1424. ATION AND SERIAL-NO.
DEFA	GEOLOGICAL SURVEY		U - 091103	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				LOTTEE OR TRIBE NAME
(Do not use this form for p	OTICES AND REPORT reposals to drill or to deepen or relication for PERMIT—" for st	olug back to a different reservoir.	- 1 (2 数) - 1 (2 数)	
1.			7. UNIT AGREEMI	ENT NAME
OIL GAS WELL OTH	ER Wildcat		45.5	
2. NAME OF OPERATOR			8. FARM OR LEAS	SE NAME
Mountain Fuel Supp	ly Company		Cowboy	
3. ADDRESS OF OPERATOR		20003	9. WELL NO	살 - 통 - 등급유럽
	ck Springs, Wyoming	82901	10 RIELD AND P	OOL, OR WILDCAT
See also space 17 below.) At surface	ion cicarry and in accordance with	any state requirements.	Wildcat	
1980' FSL, 1980' F	EL NW SE		11. SEC., T., B., M	M., OR BLK. AND
1,000 1,011, 1,000 1.	1111 22		SURVEY OF	* AREA
			15-39S-22I	E., SLB&M
14. PERMIT NO.	15. ELEVATIONS (Show wheth			PARISH 13. STATE
_	KB 5022.05'	GR 5011'	San Juan	Utah
16. Check	Appropriate Box To Indica	ite Nature of Notice, Report, o	r Other Data	
	INTENTION TO:		SEQUENT REPORT OF	
		300	- 198	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	(F)	RING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT		CONMENT*
SHOOT OR ACIDIZE	ABANDON* CHANGE PLANS	shooting or acidizing Suppleme	ntary history	
(Other)	CHANGE I DANS	(NOTE: Report res	ults of multiple complempletion Report and l	letion on Well
17. DESCRIBE PROPOSED OR COMPLETE proposed work. If well is dinent to this work.)*	D OPERATIONS (Clearly state all per rectionally drilled, give subsurface	tinent details, and give pertinent da locations and measured and true ver		
	as to plug and aband	on the subject well by	r leving the d	Pollowing 5
plugs:	se to prug and aband	on one subject werr by	Laying one	OTTOW HIRE
Prass.				경 그림 노동일 및 취 그림
Plug No. 1: 6150-	5950°, 76 sacks			
Plug No. 2: 5100-			- 기계	
Plug No. 3: 3100-	3000', 29 sacks			
	1900', 38 sacks			
Plug No. 5: 350-	•			
Plug No. 6: Surfa	ce, 10 sacks			
**	-1			d to too book
verbal approval to	guet 22 with Mr. Ion	e subject well was gra g of the U.S.G.S. and	r decretario	rith the
		Mr. Myers of Mountain		VI our ourc
Ocan OIL & Cab Con	bel voolet nede wron	in • Hydrb of Hodgiodin		
			335	왕 왕조 원화물병
			e de la companya de l	
			<u> </u>	7 28 33 2A
		and the second second		R REES
18. I hereby certify that the foregoing	ing is true and correct	General Manager,	<u> </u>	
SIGNED R.W. C	wit TITLE	Gas Supply Operations	DATE At	gust 27, 1968
			LIZE III	
(This space for Federal or State	e office use)		3423	
APPROVED BY	TITLE _		DATE	
CONDITIONS OF APPROVAL,	IF ANY:		m # \$ %	

Form 9-331 (May 1963)	UM ED STAT DEPARTME OF THE GEOLOGICAL SU	INTERIOR Verse s	IT IN TRIPI TE* instruction redide)	Form approvement of the state o	au No. 42-R1424.
SUNDI (Do not use this for	RY NOTICES AND RE	PORTS ON WEL	LS erent reservoir.	6. IF INDIAN, ALLOTTE	5 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
OIL GAS WELL 2. NAME OF OPERATOR	other Wildcat			8. FARM OR LEASE NA	To sale
3. ADDRESS OF OPERATOR	Supply Company 9, Rock Springs, Wyo	ming 82901		9. WELL NO.	An United
4. LOCATION OF WELL (Rep. See also space 17 below. At surface	ort location clearly and in accorda	nce with any State require	ements.*	Wildcat 11. SEC., T., R., M., OR SURVEY OR ARE	BLK. AND
1980' FSL, 1		SE ow whether DF, RT, GR, etc.)		15-39S-22E.,	SLB&M H
14. PERMIT NO.	KB 5022. Check Appropriate Box To	05' GR 501		San Juan Other Data	Utah
	TICE OF INTENTION TO:			UENT REPORT OF:	Winter
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	PULL OR ALTER CASIN MULTIPLE COMPLETE ABANDON* CHANGE PLANS	FRAC	TURE TREATMENT OTING OR ACIDIZING ACIDIZING	ALTERING ABANDONM s of multiple completion letion Report and Log f	CASING X
roposed work. if nent to this work.)* TD 6252', dry	completed operations (Clearly sta well is directionally drilled, give s y and abandoned, rig well was plugged and	released August	24, 1968.		are of statutes and statutes are statutes and statutes are statutes and statutes are statutes and statutes are statutes are statutes and statutes are statutes ar
Plug No. 1: Plug No. 2: Plug No. 3: Plug No. 4: Plug No. 5: Plug No. 6:	6150-5950', 76 sacks 5100-5000', 57 sacks 3100-3000', 29 sacks 2000-1900', 38 sacks 350-290', 41 sacks Surface, 10 sacks	5 5 5 5 7		All Control of the All Control of the Section of the Control of th	re serolten at stractora re seroltaleger ben vek k e serimonare seriforatera v re und distreta seri i di cuite di la suotispolitalispi.
A regulation later date.	abandonment marker	will be installe	ed and the loc	ation cleaned	at a hyan
				m 6 o o out	The residence of the control of the
18. I hereby certify that	the foregoing is true and correct). Croft		al Manager, ly Operations	DATE Aug	ust 27, 1968
(This space for Feder	al or State office use)	TITLE		DATE	
CONDITIONS OF AP	PROVAL, IF ANY:				· 计图像

UNI STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICA

(See other instructions on reverse side) 5. LEASE DESIGNATION AND SERIAL NO.

Form approved.

Budget Bureau No. 42-R355.5

							U - 091	
WELL CO	OMPLETION	OR RECO	MPLETIO	N REPO	RT AND	LOG*	6. IF INDIA	N, ALLOTTEE OR TRIBE NA
1a. TYPE OF W	ELL: OII	GAS	DRY	K A				• · · · · · · · · · · · · · · · · · · ·
b. TYPE OF CO		EL CI WELL	L DRY 1	Other _			_ 7. UNIT AGE	REEMENT NAME
NEW WELL	WORK DE	EP- PLUG BACK	DIFF. RESVR.	Other _			S. FARM OR	LEASE NAME
2. NAME OF OPER	ATOR				:		Cowboy	
	Fuel &Supply	y Company					9. WELL NO	
3. ADDRESS OF O								2
P. O. Box	1129, Rock	Springs, W	yoming 8	82901			10. FIELD A	ND POOL, OR WILDCAT
4. LOCATION OF W	VELL (Report locati						Wildcat	
	1980' FSI	•	FEL	NW SE			11. SEC., T., OR AREA	R., M., OR BLOCK AND SURVI
At top prod. i	nterval reported be	elow Same						
At total depth		bame	2				15 200 (OOD GEDOM
		Same	14. PERMIT	no.	DATE ISSUI	en .	12. COUNTY	22E., SLB&M or 13. state
*		Danie	-				San Juan	
5. DATE SPUDDED	16. DATE T.D. R	EACHED 17. DAT	E COMPL. (Réa	dy to prod.)	18 ELEVATION	Je (De Dri	3, RT, GR, ETC.)*	1 Utah
7 - 19-68	8-21-68		8 - 24 - 68 /	24 A	KB 5022	.051	GR 5011	
0. TOTAL DEPTH, MI	21. PLU	G, BACK T.D., MD &		MULTIPLE CO		INTERVALS	ROTARY TOO	A contract of the contract of
6252		0		W MANY*	-	DRILLED BY	× 10 - 6252	
4. PRODUCING INT	ERVAL(S), OF THIS	COMPLETION-TOP	, BOTTOM, NAM	E (MD AND T	(VD) *			25. WAS DIRECTIONAL
Dry and	abandoned							SURVEY MADE
6 TYPE ELECTRIC	AND OTHER LOGS F							•
			DUC Con-	a dm d				27. WAS WELL CORED
3.	all Neutron						ensity	Yes
CASING SIZE		CASI	NG RECORD	Report all at	rimaa aat in ma71	`		
THE CALL	WEIGHT, LB./I	FT. DEPTH SE	T (MD)		ings sei in weii			
10-3/4		FT. DEPTH SE	T (MD)	HOLE SIZE		CEMENTING	G RECORD	AMOUNT PULLED
	32.75	320.2	T (MD)		175	CEMENTING	G RECORD	AMOUNT PULLED
		FT. DEPTH SE	T (MD)	HOLE SIZE		CEMENTING	G RECORD	
		FT. DEPTH SE	T (MD)	HOLE SIZE		CEMENTING	G RECORD	
10-3/4	32.75	FT. DEPTH SE	T (MD)	HOLE SIZE		CEMENTING		0
10-3/4	32.75	320.2	T (MD)	13-3/4	30.	CEMENTING	TUBING RECO	O RD
10-3/4	32.75	DEPTH SE 320.2	T (MD)	13-3/4	30.	CEMENTING		RD
10-3/4	32.75 TOP (MD)	DEPTH SE 320.2	T (MD)	13-3/4	30.	CEMENTING	TUBING RECO	O RD
10~3/4	32.75	DEPTH SE 320.2	T (MD)	13-3/4	175 30. (MD) s	CEMENTING	TUBING RECO	RD PACKER SET (MD)
10~3/4	32.75 TOP (MD)	DEPTH SE 320.2	T (MD)	HOLE SIZE 13-3/4 SCREEN 32.	175 30. (MD) s	IZE COT, FRAC	TUBING RECO	O RD
10~3/4	32.75 TOP (MD)	DEPTH SE 320.2	T (MD)	HOLE SIZE 13-3/4 SCREEN 32.	175 (MD) 30. ACID, SE	IZE COT, FRAC	TUBING RECO	PACKER SET (MD) SQUEEZE, ETC.
10~3/4	32.75 TOP (MD)	DEPTH SE 320.2	T (MD)	HOLE SIZE 13-3/4 SCREEN 32.	175 (MD) 30. ACID, SE	IZE COT, FRAC	TUBING RECO	PACKER SET (MD) SQUEEZE, ETC.
10~3/4 	32.75 TOP (MD)	DEPTH SE 320.2	T (MD)	HOLE SIZE 13-3/4 SCREEN 32.	175 (MD) 30. ACID, SE	IZE COT, FRAC	TUBING RECO	PACKER SET (MD) SQUEEZE, ETC. OF MATERIAL USED
10~3/4 SIZE PERFORATION RE	32.75 TOP (MD)	DEPTH SE 320.2	SACKS CEMENT	HOLE SIZE 13 -3/4 SCREEN 32. DEPTH	175 (MD) 30. ACID, SE	IZE COT, FRAC	TUBING RECO	PACKER SET (MD) SQUEEZE, ETC. OF MATERIAL USED
10~3/4 SIZE PERFORATION RE	32.75 TOP (MD) CORD (Interval, size	LINER RECORD BOTTOM (MD) e and number)	SACKS CEMENT	HOLE SIZE 13-3/4 SCREEN 32. DEPTH	ACID, SE INTERVAL (MD)	IZE COT, FRAC	TUBING RECO DEPTH SET (ME TURE, CEMENT MOUNT AND KIND	PACKER SET (MD) SQUEEZE, ETC. OF MATERIAL USED
10~3/4 SIZE PERFORATION RE	32.75 TOP (MD) CORD (Interval, size	DEPTH SE 320.2	SACKS CEMENT	HOLE SIZE 13-3/4 SCREEN 32. DEPTH	ACID, SE INTERVAL (MD)	IZE COT, FRAC	TUBING RECO DEPTH SET (ME TURE, CEMENT MOUNT AND KIND	RD PACKER SET (MD) SQUEEZE, ETC. OF MATERIAL USED TATUS (Producing or
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. SIZE PERFORATION RE * TE FIRST PRODUCT y and Aband TE OF TEST	TOP (MD) CORD (Interval, size) ION PRODUCTION	DEPTH SE 320.2 LINER RECORD BOTTOM (MD) e and number)	SACKS CEMENT	HOLE SIZE 13 -3/4 SCREEN 32. DEPTH RODUCTION , pumping—s	ACID, SH INTERVAL (MD)	(OT, FRAC	TUBING RECO DEPTH SET (MI TURE, CEMENT MOUNT AND KIND	RD PACKER SET (MD) SQUEEZE, ETC. OF MATERIAL USED TATUS (Producing or
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10-3/4 SIZE PERFORATION RE FE FIRST PRODUCT Y and Aband TE OF TEST W. TUBING PRESS.	TOP (MD) TOP (MD) CORD (Interval, size) ION PRODUCT Oned HOURS TESTED CASING PRESSURE	ETION METHOD (F) CHOKE SIZE CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED	SACKS CEMENT PIOWING, gas lift PROD'N. FOR TEST PERIOR	HOLE SIZE 13-3/4 SCREEN 32. DEPTH RODUCTION , pumping—s	ACID, SH INTERVAL (MD) ize and type of L. GAS-	IZE OT, FRAC	TUBING RECO DEPTH SET (MI TURE, CEMENT MOUNT AND KIND WELL S shut- WATER—BBL.	PACKER SET (MD) SQUEEZE, ETC. OF MATERIAL USED TATUS (Producing or in)
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PERFORATION RE PERFORATION RE A A A B A A B A A B A B A B A B A B A	TOP (MD) TOP (MD) CORD (Interval, size of the content of the con	ETION METHOD (F) CHOKE SIZE CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED	SACKS CEMENT PIOWING, gas lift PROD'N. FOR TEST PERIOR	HOLE SIZE 13-3/4 SCREEN 32. DEPTH RODUCTION , pumping—s	ACID, SH INTERVAL (MD) ize and type of L. GAS-	IZE OT, FRAC	TUBING RECO DEPTH SET (MI TURE, CEMENT MOUNT AND KIND WELL'S shut- WATER—BBL.	PACKER SET (MD) SQUEEZE, ETC. OF MATERIAL USED TATUS (Producing or in) GAS-OIL RATIO
DISPOSITION OF G	TOP (MD) TOP (MD) CORD (Interval, size of the size o	CHOKE SIZE CALCULATED 24-HOUR RATE uel, vented, etc.)	SACKS CEMENT SOURCE OF TEST PERIOR OIL—BBL.	T* SCREEN 32. DEPTH RODUCTION , pumping—s OIL—BB	ACID, SH INTERVAL (MD) ize and type of L. GAS— S—MCF.	IZE OT, FRAC AI Pump) -MCF.	TUBING RECO DEPTH SET (MI TURE, CEMENT MOUNT AND KIND WELL S Shut- WATER—BBL.	RD PACKER SET (MD) SQUEEZE, ETC. OF MATERIAL USED TATUS (Producing or in) GAS-OIL RATIO DIL GRAVITY-API (CORR.)
DISPOSITION OF G LIST OF ATTACHS LIST OF ATTACHS (ES. Neutro	TOP (MD) TOP (MD) CORD (Interval, size of the size o	ETION METHOD (F) CHOKE SIZE CALCULATED 24-HOUR RATE LINER RECORD CHOKE SIZE CALCULATED 24-HOUR RATE LUL, vented, etc.)	SACKS CEMENT SACKS CEMENT PI lowing, gas lift PROD'N. FOR TEST PERIOR OIL—BBL.	T* SCREEN 32. DEPTH RODUCTION , pumping—s GAS	ACID, SH INTERVAL (MD) ize and type of L. GAS— S—MCF.	CEMENTING IZE OT, FRAC AI Pump) -MCF.	TUBING RECO DEPTH SET (MI TURE, CEMENT MOUNT AND KIND WELL S shut- WATER—BBL.	RD PACKER SET (MD) SQUEEZE, ETC. OF MATERIAL USED TATUS (Producing or in) GAS-OIL RATIO DIL GRAVITY-API (CORR.) ED BY

COMPLETION REPORT

Area: Cowboy	Date	e: August 28, 1968
Well:Cowboy Well No. 2		
New Field Wildcat Development Well	. Sh	allower Pool Test
New Pool Wildcat X Extension	De	eper Pool Test
Location: 1980 feet from South line,	1980 feet fro	m <u>East</u> line
NW $\frac{1}{4}$ SE $\frac{1}{4}$	<u>l</u> or	1/2
Section 15, Township 39 South,	Range 22 Ea	st
County: San Juan S	tate: Ut	ah
Operator: Mountain Fuel Supply Company		
Elevation: 5022.05 feet kelly bushing,	5011	feet ground
Drilling Commenced: July 19, 1968 Drilling 6252 f	g Completed: <u>Au</u> eet Driller	gust 21, 1968
Rig Released: August 24, 1968 Total Depth: 6258 f	eet Log, Plug Bac	k Depth: feet
Log Tops:	Log Tops:	
Navajo 920' Chinle 1956' Shinarump 2671' Moenkopi 2760' De Chelly 3049' Organ Rock 3162'	Cutler Evaporit Hermosa Ismay "B" zone Desert Creek Akah	5034' (-12' 5870' (-848 6070' (-104
Producing Formation:		
Production:		
Status: Dry, plugged and abandoned		
Perforations:	-	
Stimulation:		
Casing: 10-3/4" landed at 320.21' KBM with 175 sac	ks	
Logging - Mud: None		
Electric: Induction-Electric to 6258'; Ga and Density 900'-1300' and 5000	mma Ray, Sonic, 1 '-6258'	Neutron Porosity
Contractor: Cactus Drilling		

Remarks: Cored 5851'-6252' in 9 cores

COMPLETION REPORT (cont.)

Well: Cowboy Well No. 2	

Tabulation of Drill Stem Tests

DST	<u> Interval</u>	IFP	<u>ISIP</u>	FFP	FSIP	Remarks Remarks
1 2 3 4 5	5943'-5978' 6023'-6078' 5978'-6099' 6112'-6142' 6145'-6202'	59-61(60) 44-61(76) 57-59(60) 26-29(60) 55-101(60)	64(60) 306(61) 91(60) 39(60) 1643(60)	64-64(253) 57-55(60) 65-65(60) 29-29(60) 125-231(240)	65(257) 207(86) 77(62) 32(62) 2005(241)	NGTS, 90' mud NGTS, 90' mud NGTS, 45' mud NGTS, 5' mud NGTS, 120' mud, 100' slight gas cut mud, 180' salt water

VBG:kjc

FILE IN QUADRUPLICATE

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL & GAS CONSERVATION 1588 West North Temple

SALT LAKE CITY, UTAH 8411

REPORT OF WATER ENCOUNTERED DURING DRILLING

•		ר דר דר דר	0	
W ell Name	& Number Con	wboy Well No	• 6	
Operator_	Mountain Fuel Supply Compan	y Address	Box 11368, S.I.C.	Phone 328-8315
Contractor	rCactus Drilling	_Address		Phone
Location_	NW ½ SE ½ Sec. 15 T. 39	R. 22	E San Juan	County, Utah
Water Sand				
	Depth	<u>Volume</u>	Qu	ality
From	To Flow !	Rate or Head	Fres	sh or Salty
1. 6142'	6202'	180' DST re	covery	Salty
3 4				
5		(Continue	ed on re v erse side	if necessary)
Formation	n Tops: Desert Creek	610	08'	
Remarks:				
NOTE:	 (a) Upon diminishing supply (b) Report on this form as and Regulations and Rul (c) If a water analysis has please forward a copy a 	provided for les of Pract s been made	r in Rule C-20, Ge ice and Procedure, of the above repor	(See back of form



June 25, 1976

MEMO FOR FILING

Re: Mountain Fuel Supply Co. Cowboy #2 Sec. 15, T. 39 S., R. 22 E. San Juan County, Utah

This plugged and abandoned dry hole was checked on June 15, 1976. The location looked clean and the vegetation was profound for the general area. The regulation dry hole marker was erected and the well was properly identified.

PATRICK L. DRISCOLL CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. Geological Survey